

HANDOUT 10.3— STRATEGIES FOR DEALING WITH HYPOTHETICAL STRESS**Exercise 10.4 Sustainable Tourism Strategies for Dealing with Hypothetical Stresses**

Stresses	Sources	Strategies
1. Altered marine reptile species composition (reduced population of a key loggerhead turtle species that nests on the beach and is key to its regeneration)	Incompatible tourism Practices (uncontrolled tourism at nesting sites of the loggerhead, resulting in destruction of eggs and disturbance during nesting periods)	
2. Altered vegetation structure of mangrove forests	Incompatible Tourism Practices (crowding by tourists at panoramic viewpoint resulting in vegetation trampling)	
3. Contamination (organic pollution and solid waste)	Incompatible Wastewater Treatment (poor sewage management from tourist boats)	
4. Altered floral species composition (reduction in populations of endemic species of algae)	Commercial Collecting (destructive harvesting of wild flora by local community for Japanese tourist market)	
5. Altered coral species composition	Commercial Collecting (collecting of corals by local communities for tourism industry)	
6. Disturbance to wildlife resulting in alteration of behavior (nest abandonment by seabirds nesting on island cliffs)	Disturbance caused by noise and air pollution from use of jet skis	
7. Altered intertidal community	Trampling of intertidal due to reef walking.	
8. Disturbance to coral reef structure	Increase in numbers of divers due to recent sightings of whale sharks causing damaging to coral reefs from fin impacts	